

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 1855 | (123/306,308).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/04/29<br>11:10 |
| L2    | 307  | (whirl\$4 or swirl\$4 or<br>twirl\$4 or spin\$4 or<br>rotat\$3 or rotatable<br>or vortex or shaft or<br>hub) near50 (vane or<br>fin or rib or stator)<br>near50 cylinder<br>near30 (port or<br>head) near300<br>engine | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/29<br>11:13 |
| L3    | 13   | 1 and 2  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/04/29<br>11:13 |
| L4    | 21   | ("2920613"  <br>"3035558"  <br>"3408992"  <br>"3868940"  <br>"4137886"  <br>"4309969"  <br>"4320725"  <br>"4381743"  <br>"4398511"  <br>"4424777"  <br>"4428334"  <br>"4432312").PN. OR<br>("4539954").URPN.           | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/04/29<br>11:16 |
| L5    | 11   | ("2920613"  <br>"3035558").PN. OR<br>("4432312").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2009/04/29<br>11:16 |

|    |     |   |   |    |    |                     |
|----|-----|---|---|----|----|---------------------|
| L6 | 25  | ("2740392"  <br>"2920613"  <br>"3035558"  <br>"4015577"  <br>"4119064"  <br>"4137886"  <br>"4151816").PN. OR<br>("4424777").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/04/29<br>11:17 |
| L7 | 35  | (4 5 6) not 3   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/29<br>11:18 |
| L8 | 537 | (cylinderhead or<br>"cylinder head")<br>near30 port and 1   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/29<br>11:20 |
| L9 | 520 | 8 not (3 7)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/29<br>11:21 |

4/ 29/ 2009 11:28:22 AM

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